

Table 5. 2024 SOUTHEAST Kansas SOFT winter wheat performance test

Brand / Name	OT ¹	PA ²	Av.	OT	PA	Av.	OT	PA	Av.	PA	PA
	yield (bu/a)			% of test average			test weight (lb/bu)			heading (date)	height (in)
AGRIMAXX											
AM 492	44.4	102.1	73.2	100.6	100.2	100.4	52.6	60.0	56.3	16-Apr	30.8
AM 503	46.0	105.0	75.5	104.3	103.0	103.7	52.0	59.5	55.8	22-Apr	33.0
AM 505	51.4	103.2	77.3	116.6	101.3	108.9	52.7	59.1	55.9	22-Apr	31.5
AM 513	44.6	101.2	72.9	101.2	99.3	100.2	49.6	58.6	54.1	22-Apr	31.8
AM 514	36.0	104.8	70.4	81.6	102.8	92.2	48.9	57.4	53.1	22-Apr	32.0
AM 535	49.2	104.1	76.6	111.6	102.1	106.9	50.9	58.0	54.4	22-Apr	31.8
AM 545	48.6	101.4	75.0	110.3	99.5	104.9	49.4	56.7	53.0	24-Apr	31.8
EXP2405	48.6	110.5	79.6	110.2	108.5	109.3	50.6	57.3	54.0	23-Apr	31.0
PIONEER											
P25R65	38.4	104.8	71.6	87.2	102.8	95.0	48.7	57.0	52.8	23-Apr	32.3
P25R74	44.8	104.1	74.5	101.7	102.2	101.9	50.5	58.3	54.4	21-Apr	23.8
P25R76	40.3	91.3	65.8	91.4	89.6	90.5	51.1	58.8	54.9	18-Apr	31.8
WESTBRED											
WB24545	46.5	97.4	71.9	105.4	95.6	100.5	51.5	59.3	55.4	23-Apr	31.5
WB2606	34.4	95.0	64.7	78.0	93.2	85.6	47.6	58.6	53.1	24-Apr	31.3
AVERAGE	44.1	101.9	73.0	100.0	100.0	100.0	50.5	58.3	54.4	21-Apr	31.1
CV (%)	7.7	5.6	--	7.7	5.6	--	1.6	1.0	--	0.8	2.1
LSD (0.05)*	5.1	4.8	--	11.6	4.7	--	1.5	1.0	--	2.3	2.2

¹ OT=Ottawa, Kansas, East Central Experiment Field, Franklin County.

² PA=Parsons, Kansas, Southeast Research-Extension Center, Labette County.

* Yields must differ by more than the LSD value to be considered statistically different. Top LSD value in bold.

2023-2024 Season	Ottawa	Parsons
Date Planted	11/16/2023	10/4/2023
Previous Crop	soybean	corn
Primary Tillage	strip	no-till
Fertility	123-50-50 lbs/a N, P, K	125-50-50 lbs/a N, P, K
Date Harvested	7/3/2024	6/7/2024
Seasonal precipitation (inches)	25.9	30.2
Normal precipitation (inches)	24.8	27.9

SOUTHEAST Kansas SOFT multi-year averages (2022-2024)

Brand / Name	-OT-		-PA-	
	2 yr	3 yr	2 yr	3 yr
(bushels/acre)				
AgriMAXX				
AM 503	64.9	--	91.0	87.5
AM 505	65.4	--	94.5	92.6
AM 513	61.4	--	91.3	--
AM 514	55.9	--	94.7	92.3
AM 535	61.4	--	94.2	--
PIONEER				
P25R74	--	--	--	98.4
P25R76	--	--	--	85.2
WESTBRED				
WB2606	53.6	--	--	88.9
AVERAGE	60.4	--	93.1	90.8